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**CLEAN VERSION OF ALL PENDING CLAIMS****In the Claims:**

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- A1
1. (Original): A portable electronic device comprising:  
an imager coupled to the portable electronic device;  
a laser scanner coupled to the portable electronic device; and  
an application specific integrated circuit (ASIC) comprising circuitry for  
communicating with the imager and laser scanner.
  2. (Original): The portable electronic device of claim 1, further comprising a data  
blender adapted to receive data from multiple sources and distribute the data to multiple  
destinations based on a type or content of the data.
  3. (Original): The portable electronic device of claim 1, the portable electronic  
device being a bar code reading terminal.

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4. (Original): The portable electronic device of claim 1, the ASIC further comprising circuitry for carrying out at least one of the following functions:

power management;  
wake up control and power down;  
critical suspend shutdown;  
warm boot and cold boot;  
serial port for WAN radio;  
matrix keyboard scanning;  
IP security;  
analog converters;  
touch panel;  
smart and dumb battery;  
modular memory IDE interface;  
fingerprint reader;  
USB host; and  
magnetic stripe interface.

5. (Original): The ASIC of claim 4, the smart and dumb battery function including a gas gauging function

6. (Original): The ASIC of claim 4, the smart and dumb battery function including a cycle life function.

7. (Original): The ASIC of claim 4, the smart and dumb battery function including a charge control function.

8. (Original): The ASIC of claim 4, the smart and dumb battery being a Ni-MH battery.

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9. (Original): The ASIC of claim 4, the smart and dumb battery being a Li-Ion battery.

10. (Original): The ASIC of claim 4, the modular memory IDE interface function including a NAND memory function.

11. (Original): The ASIC of claim 4, the modular memory IDE interface function including a CF card function.

12. (Original): A portable data collection system, comprising:  
a bar code reading terminal;  
a data blender adapted to receive data from multiple sources and distribute the data to multiple destinations based on a type or content of the data; and  
an application specific integrated circuit (ASIC) having circuits for communicating with an imager and a laser scanner and at least one of the following functions:

power management;  
wake up control and power down;  
critical suspend shutdown;  
warm boot and cold boot;  
serial port for WAN radio;  
matrix keyboard scanning;  
IP security;  
analog converters;  
touch panel;  
smart and dumb batteries;  
modular memory IDE interface;  
fingerprint reader;  
USB host; and  
magnetic stripe interface.

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13. (Original): The system of claim 12 providing a shared data path into a system memory for both the laser scanner and the imager data.

14. (Original): An application specific integrated circuit (ASIC) having circuits for communicating with an imager and a laser scanner and at least one of the following functions:

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cont*

- power management;
- wake up control and power down;
- critical suspend shutdown;
- warm boot and cold boot;
- serial port for WAN radio;
- matrix keyboard scanning;
- IP security;
- analog converters;
- touch panel;
- smart and dumb batteries;
- modular memory IDE interface;
- fingerprint reader;
- USB host; and
- magnetic stripe interface.

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15. (Original): A portable data collection system, comprising:  
a bar code reading terminal; and  
an application specific integrated circuit (ASIC) having circuits for implementing  
the following functions:

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- laser scanning;
- imaging;
- power management;
- wake up control and power down;
- critical suspend shutdown;
- warm boot and cold boot;
- serial port for WAN radio;
- matrix keyboard scanning;
- IP security;
- analog converters;
- touch panel;
- smart and dumb batteries;
- modular memory IDE interface;
- fingerprint reader;
- USB host; and
- magnetic stripe interface.

16. (Original): The portable data collection system of claim 15, further  
comprising a data blender adapted to receive data from multiple sources and distribute  
the data to multiple destinations based on a type or content of the data.

17. (Original): The portable data collection system of claim 16, the data from the  
multiple sources being decoded within the system.

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18. (Original): The portable data collection system of claim 17, the data from the multiple sources being decoded offline and processed on the bar code reading terminal at a later time.

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cancel.

19. (Original): The portable data collection system of claim 16, the data from the multiple sources being routed through a common driver.

20. (Original): The portable data collection system of claim 16, the data from the multiple sources being at least one of biometrics data, magstripe data, and RFID data.

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